

## Certificate of Analysis

Date of Testing: 2024-07-02 17:00:55  
Date of Next Testing: 2026-06-22 17:00:55  
Product Name: **1-Methylimidazole**  
CAS Number: 616-47-7  
Specifications & Purity: 99%  
Lot #: F2421376  
SKU #: **M109227**  
Version: **0**  
Analysis #: **336910**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.85 %
Water by Karl Fischer	0-2 (%)	1.80 %
Refractive index n <sub>20</sub> /D	1.492-1.498	1.49
Density (20°C)	1.036-1.039	1.04
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (M109227)	Colorless to Yellow Liquid	Colorless to Yellow Liquid



John Su  
QA & QC Manager